

**OU 13  
Sampling Plan**

Activity	Sample Number
<b>IHSS 117 1, 117 2, 117.3</b>	
1 Soil gas survey	100' grid -- adjusted as appropriate
2 Boreholes in plumes	To be determined
3 Boreholes (confirmation)	To be determined
4 Monitoring wells	Number, type, and location to be determined

(may also need surficial soil samples, sediment samples from drainage ditches,  
downgradient boreholes and monitoring wells as logistically possible)

**IHSS 128, 134, and 171**

1 Aerial photo review	NA
2 Radiation survey	10' grid -- adjusted as appropriate
3 Soil gas survey	25' grid -- adjusted as appropriate
4 Boreholes in plumes	To be determined

(may need surficial soil samples, sediment and water samples from adjacent ditches,  
downgradient boreholes and monitoring wells, wells within plumes as logistically possible)

**IHSS 148**

1 Radiation survey	10' grid -- adjusted as appropriate
2 Soil cores	To be determined

(may need to replace radiation survey with surficial soil sampling, replace soil cores  
with hand-held auger or an equivalent, downgradient boreholes and monitoring  
wells as logistically possible)

**IHSS 152**

1 Soil gas survey	20' grid -- adjusted as appropriate
2 Soil cores	To be determined
3 Boreholes around tank	To be determined

(may need boreholes and wells downgradient as logistically possible)

**IHSS 157 1, 157 2**

1 Radiation survey	25' grid -- adjusted as appropriate
2 Surficial soil samples	To be determined
3 Soil cores	To be determined

(may need soil gas survey based on waste description, boreholes and monitoring  
wells as logistically possible)

**IHSS 158**

1 Radiation survey	25' grid -- adjusted as appropriate
2 Soil gas survey	25' grid -- adjusted as appropriate
3 Surficial soil samples	To be determined
4 Boreholes in plumes	To be determined

(may need boreholes and wells downgradient as  
logistically possible)

**IHSS 169**

(may be able to utilize geophysics to aid location  
of drum)

**IHSS 186**

1 Soil borings

To be determined

(may be able to solve some of the access problem with a  
radiation survey and soil gas survey, may need to add  
surficial soil sampling)

**IHSS 190, 191**

1 Submit required documentation

(may need to add appropriate sampling program if documentation  
indicates potential contamination problem)